

<p>Mirimova, T. D. and Andreeva, T. S. RADIATION INJURY TO THE SKULL AND BRAIN OF A CHILD ARISING FROM ROENTGENOTHERAPY FOR ADENOCARCINOMA OF THE PAROTID GLANDS. [1963] [12p] 9refs FASEB Manuscript no. S 44-3. Order from OTS, SLA, or ETC \$1.60 TT-63-24442  Trans. of <u>Meditinskaya Radiologiya (USSR)</u> 1962, v. 7, no. 11, p. 36-39.</p> <p>A case history.</p> <p>DESCRIPTORS: *Radiation injuries, *Radiotherapy, X-rays, *Skull, *Cancer, Brain, *Salivary glands.</p> <p>(Biological Sciences--Radiobiology, TT, v. 11, no. 4)</p>	<p>TT-63-24442</p> <p>I. Mirimova, T. D. II. Andreeva, T. S. III. FASEB-S-44-3 IV. Federation of American Societies for Experi- mental Biology, Washington, D. C. V. Scripta Technica, Inc., Washington, D. C.</p>	
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CHANGES IN PERIPHERAL BLOOD DURING RADIATION  
THERAPY, BY YE. V. KARIBSKAYA , T. E.  
MATETSKAYA, 9 PP.

RUSSIAN, PER, MEDITSINSKAYA RADILOGIYA, VOL VII,  
NO 11, 1962, PP 39-45.

JPRS 17402  
OTS TT-63-24443n21030

SCI - MED

JAN 63

221,086

EARLY CHANGES IN THE SKIN CHRONAXY AND VISUAL  
ANALYSORS IN PERSONS EXPOSED TO A SINGLE  
LOCAL X-RAY TREATMENT, BY A. S. YEFIMOVA,  
8 PP.

RUSSIAN, PER, MEDITSINSKAYA RADILOGIYA,  
VOL VII, NO 11, 1962, PP 45-50.

JPRS 17402  
OTS TT-63-210302 63-24444

SCI - MED

JAN 63

221,087

S-951/62

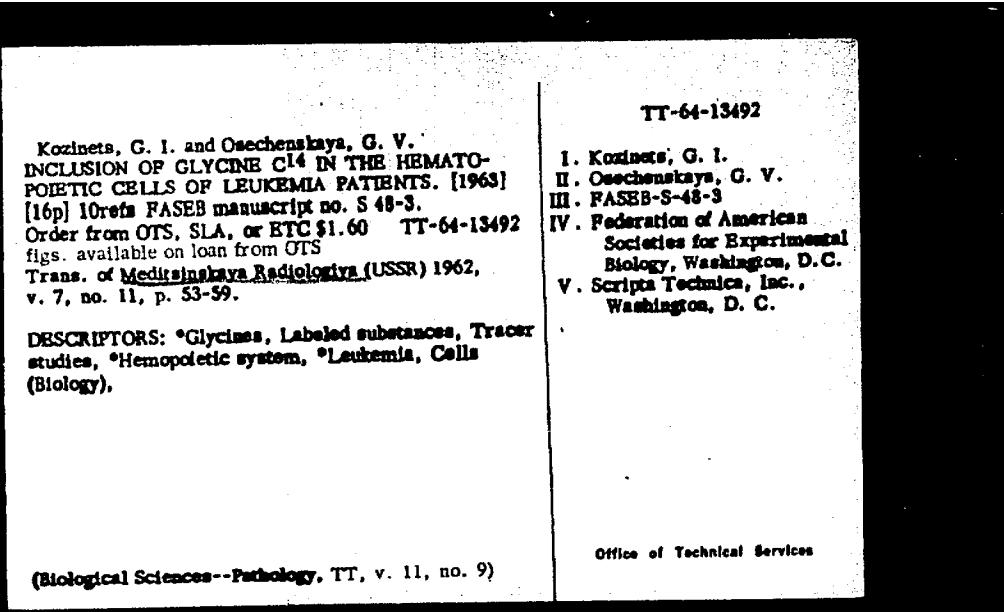
Concerning Evaluation of Luminescent-Microscopic Pictures of Blood and Bone Marrow During Roentgen Irradiation, by V. A. Kolpakov, 8pp (DC-8346).

RUSSIAN, per, Med Radiol, Vol VII, No 11, 1962,  
pp 50-53.

\*JPRS 17402  
1 OTS TT-63-24445  
.. .. .. 21030

Sci -Med

26 Dec 62



Berkutov, A. N., Korchanov, L. S., Yaroslavtseva, N. A., Bochagova, D. L.  
REPLACEMENT THERAPY AT THE CLIMAX OF ACUTE RADIATION SICKNESS. [1963] [13p] 18refs.  
FASEB transcript no. S-49-3.  
Order from OTS, SLA, or ETC \$1. 60 TT-63-23857

Trans. of Meditsinskaya Radiobiologiya (USSR) 1962,  
v. 7, no. 11, p. 59-63. (Abstract available)

DESCRIPTORS: \*Radiation sickness, \*Blood transfusions, Blood cells, Immunity, Blood coagulation, \*Radiation effects.

X-rays were used to produce radiation sickness in 15 dogs. At the height of the disease syndrome, 10 dogs were given direct transfusions of arterial blood every 2 or 3 days for a total of 4 or 5 transfusions. The 5 control animals did not receive any blood. Complete (Biological Sciences--Radiobiology, TT, v. 11, no. 5)  
(over)

TT-63-23857

- I. Berkutov, A. N.
- II. Korchanov, L. S.
- III. Yaroslavtseva, N. A.
- IV. Bochagova, D. L.
- V. FASEB S-49-3
- VI. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

TREATMENT OF RADIATION SICKNESS BY  
HOMOTRANSPLANTATION OF FRESH AND PRESERVED  
SPLEEN, BY V. A. REVIS, A. A. SOKOLOV, 12 PP.

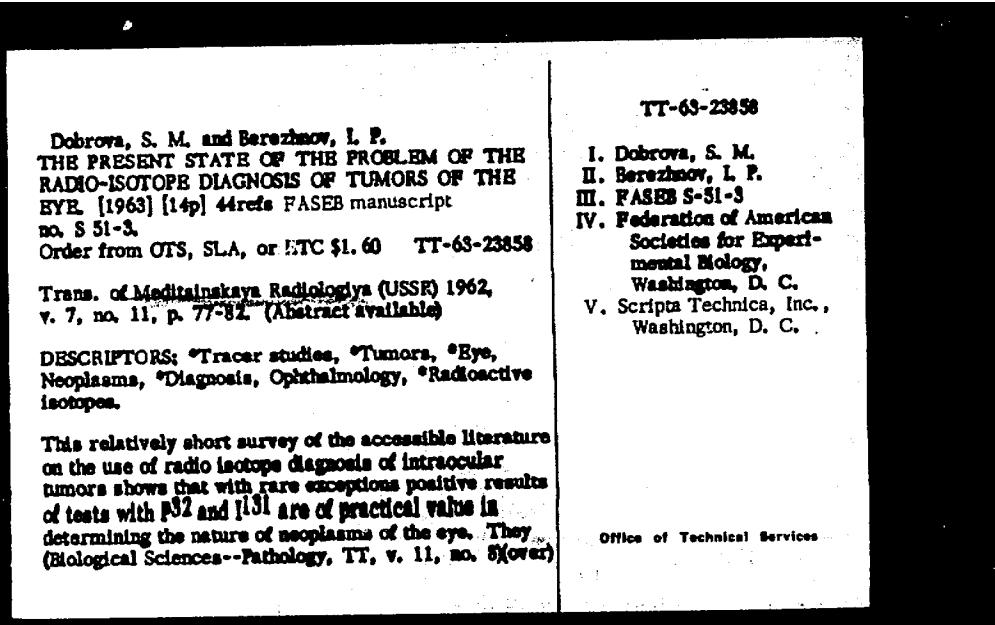
RUSSIAN, PER, MEDITSINSKAYA RADIOLGIYA,  
VOL VII, NO 11, 1962, PP 65-73.

JPRS 17402

SCI - MED

JAN 63

221,088



<p>Volyuk, V. M. CERTAIN FEATURES OF THE MECHANISM OF LEUKOPENIA IN ACUTE RADIATION SHOCK. [1963] [6]p. FASEB manuscript no. S 52-3. Order from OTS or SLA \$1.10      63-23859</p> <p>Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7, no. 11, p. 82-83.</p> <p>DESCRIPTORS: *Leukopenia, *Radiation sickness, *Shock (Pathology), Hemopoietic system.</p> <p>It is shown that the lower the dose of radiation received, the greater the relative importance of redistribution in the development of leukopenia. The larger the dose of radiation, the sooner the redistributive, functional phase of leukopenia gives way to substantial organic changes in the leukocytes of the blood and bone marrow. The phasic nature of the changes in leukopoiesis during (Biological Sciences--Radiobiology. TT, v. 10, no. 12) (over)</p>	<p>63-23859</p> <p>I. Volyuk, V. M. II. FASEB S-52-3 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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<p>Shubina, A. V. THE EFFECT OF SEVERAL PHARMACOPEIAL PREPARATIONS ON EXPERIMENTAL RADIATION SICKNESS (Vliyanie Nekotorykh Pharmakopeinykh Preparatov na Lucheviyu Bolezn' v Eksperimente). [1963] [71] FASEB Manuscript no.: S 53-3. Order from OTS, SLA, or ETC \$1.10 TT-63-24446</p> <p>Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7, no. 11, p. 83-86. (Abstract available) Another trans. is available from OTS \$1.50 in TT-63-21030, JPRS-17402, 31 Jan 63 [58]p.</p> <p>DESCRIPTORS: Drugs, *Radiation sickness, *Radio-protective drugs, Hemopoietic system.</p> <p>Two plant substances, Aralia mandshurica and Ononis arvensis, and a chemical preparation of Leukogen (4-carboxy-a-phenyl-2-thiazolidinacetic acid) were (Biological Sciences--Radiobiology, TT, v. 11, no. 6) (over)</p>	<p>TT-63-24446</p> <p>I. Title: Aralia II. Title: Leucogen III. Title: Ononis IV. Title: Shubina, A. V. V. Title: FASEB-S-53-3</p> <p>VI. Federation of American Societies for Experimental Biology, Washington, D. C. VII. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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S-951/62

Scientific ~~sum~~ Conference Dedicated to ♀ Problems of  
Recovery From Radiation Injuries, by O. V. Popov.  
(DC-8346)

RUSSIAN, per, Med Radiol, Vol VII, No 11, 1962,  
pp 92-94.

\*JPRS

Sci - MEd

26 Dec 62

Volkova, M. A., Pel'man, S. G., and Dar'yalova, S. L.  
COMPARATIVE DISTRIBUTION OF COLLOIDAL SOLUTIONS OF RADIOACTIVE YTTRIUM SALTS IN ANIMALS FOLLOWING INTRAPERITONEAL ADMINISTRATION. [1963] [12p] (fig omitted) 4refs  
FASEB Manuscript no.: S 136-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24463

Trans. of Meditinskaya Radiologiya (USSR) 1962, v. 7, no. 12, p. 3-7. (Abstract available)

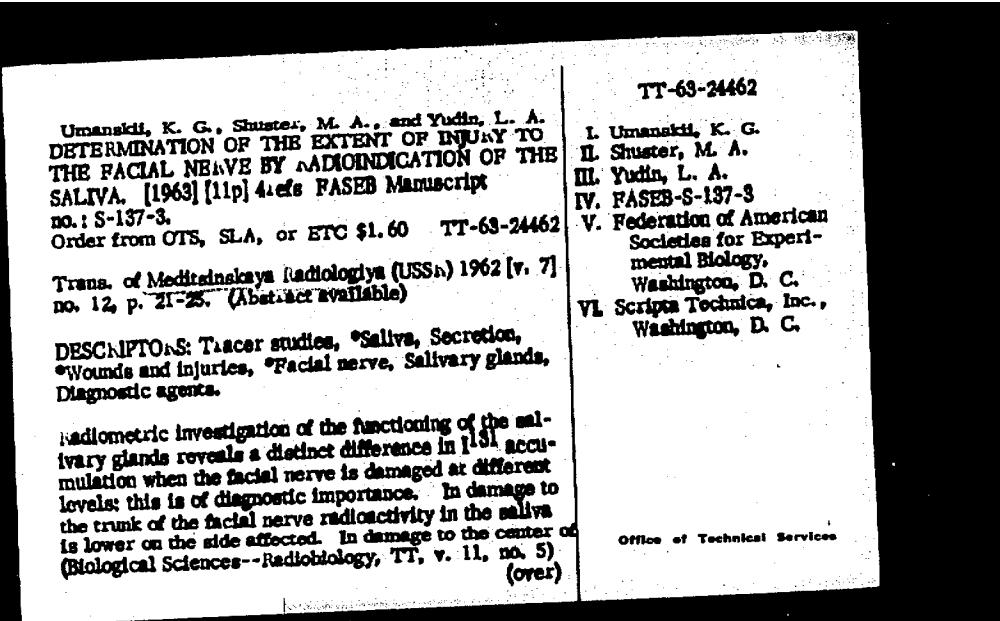
DESCRIPTORS: \*Absorption (Biological), Colloids, \*Yttrium compounds, \*Labeled substances, Tracer studies, Bone, Blood, Reticuloendothelial system.

The differences in distribution of colloidal solutions of the silicate, phosphate and fluoride salts of radioactive yttrium were studied. Female rats were given a single injection of the isotopes into the abdominal cavity. All (Biological Sciences--Radiobiology, TT, v. 11, no. 6)  
(over)

TT-63-24463

- I. Volkova, M. A.
- II. Pel'man, S. G.
- III. Dar'yalova, S. L.
- IV. FASEB-S-136-3
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services



Al'ferova, V. V. and Kuznetsova, L. V.  
THE STATE OF THE PERIPHERAL VESSELS IN  
INDIVIDUALS WORKING WITH THE CYCLOTRON.  
[1963] [18p] 7refs FASEB Manuscript no.: S 138-3.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24464

Trans. of Meditsinskaya Radiologiya (USSR) 1962,  
v. 7, no. 12, p. 32-37. (Abstract available)

DESCRIPTORS: \*Radiation effects, \*Blood vessels,  
Plethysmography, Cyclotron, Operators (Personnel),  
Blood pressure,

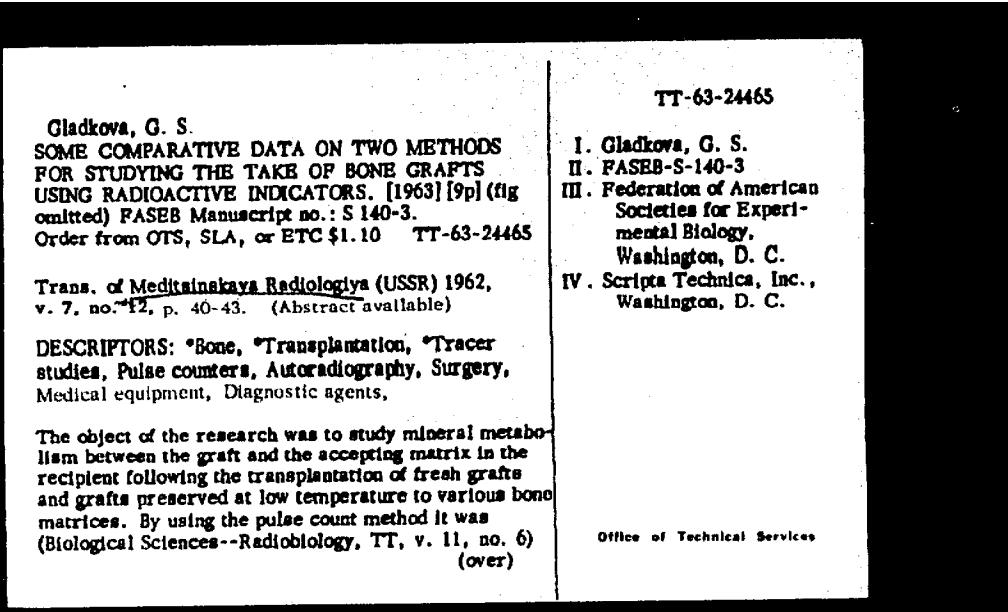
The state of the peripheral vessels was observed in  
individuals who had worked with a cyclotron for be-  
tween 4 and 9 years and in individuals who had never  
been exposed to a toxic or radiation effect. Among  
individuals working with the cyclotron, arterial pres-  
sure was normally 10-20 mm lower than in the control  
(Biological Sciences--Radiobiology, TT, v. II, no. 5)  
(over)

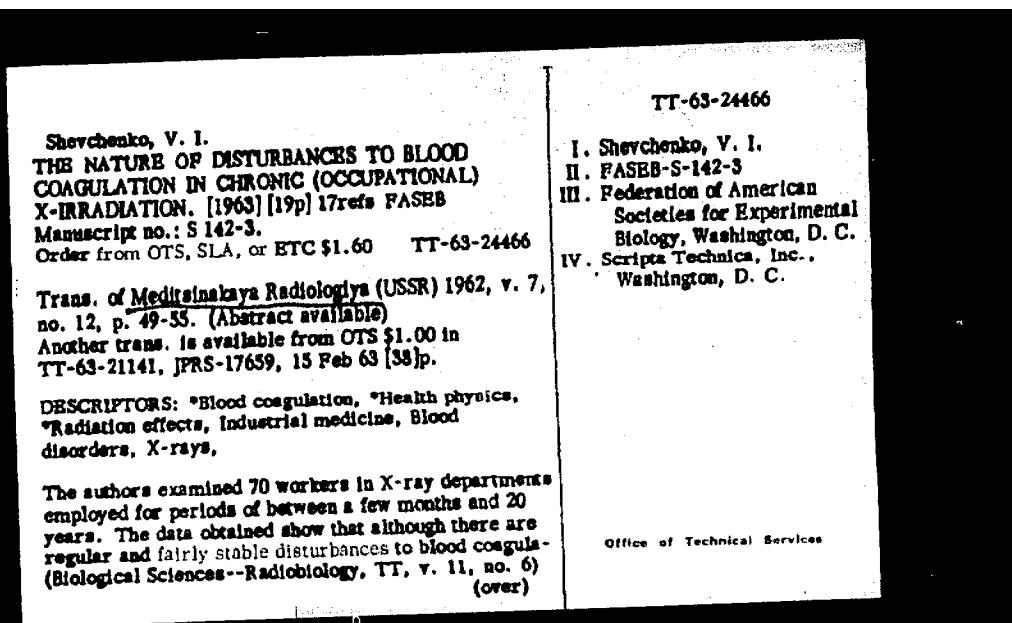
TT-63-24464

- I. Al'ferova, V. V.
- II. Kuznetsova, L. V.
- III. FASEB-S-138-3
- IV. Federation of American  
Societies for Experimental  
Biology, Washington,  
D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

<p>Kovalenko, A. V. CHANGES IN LEUKOCYTE MOTILITY IN RADIATION THERAPY. [1963] [7p] 5refs FASEB manuscript no. S 139-3. Order from OTS, SLA, or ETC \$1.10 TT-63-24471  Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7, no. 12, p. 38-40. (ABSTRACT available)  DESCRIPTORS: *Radiotherapy, *Radiation injuries, *Leucocytes, *Phagocytosis, Contrast media, Microscopy, Diagnostic agents.  Small doses of penetrating radiation initially increase leukocyte motility. Following repeated irradiation there is a reduction in the total number of leukocytes and a noticeable reduction in their motility by comparison with the initial levels prior to irradiation. (Author)  (Biological Sciences--Radiobiology, TT, v. 11, no. 5)</p>	<p>TT-63-24471</p> <p>I. Kovalenko, A. V. II. FASEB-S-139-3 III. Federation of American Societies for Experi- mental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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Kalistratova, V. S.  
THE EFFECT OF INFLAMMATION OF SUBCUTANEOUS CELL TISSUE AND SENSITIZATION ON  
 $Sr^{90}$  DISTRIBUTION IN THE ORGANISM. [1963] [8p]  
FASEB manuscript no. S 143-3.  
Order from OTS, SLA, or ETC \$1.10 TT-64-13496

Trans. of Meditsinskaya Radiologiya (USSR) 1962,  
v. 7, no. 12, p. 56-58.

(Biological Sciences--Radiobiology, TT, v. 11, no. 11)

TT-64-13496

- I. Kalistratova, V. S.
- II. FASEB-S-143-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

S-51/63

Effect of Repeated Prolonged Irradiation on Blood  
and Hemopoietic Organs, by G. D. Baysogolov.  
(NY-7427)

RUSSIAN, per, Medit Radiologiya, Vol VII, No 12,  
1962, pp 68-77.

\*JPRS

Sci - Med  
17 Jan 63

S-367/63

Propsects for Extracting Radioactive Strontium  
from the Organism, by V. S. Balabukha, N. O.  
Razumovskiy. SF-2603

RUSSIAN, per, Meditsinskaya Radiologiya, Vol VII,  
No 3, 1963, pp 71-76.

\*JPRS

Sci - Med

Apr 63

PREOPERATIVE IRRADIATION OF MAMMARY CANCER VIA  
INTESTINAL ADMINISTRATION OF RADIOACTIVE  
COLLOIDAL GOLD, BY A. V. KANTIN, L. A. KACHUR,  
ET AL, 13 PP.

RUSSIAN, PER, MEDIT RADIOL, NO 1, 1963, PP 24-32.

JPRS 18904

SCI - BIOL-MED SCI

MAY 63

228,877

DETERMINATION OF THE FUNCTIONAL STATE OF THE  
THYROID BY MEANS OF A DIAGNOSTIC SCINTILLATION  
APPARATUS OF THE DSU-61 TYPE, BY V. N. SLAVNOV,  
T. P. SIVACHENKO, 5 PP.

RUSSIAN, PER, MEDIT RADIOL, NO 1, 1963, PP 36-38.

JPRS 18904

SCI - BIOL-MED SCI

MAY 63

228,878

SOME RESULTS OF THE ELABORATION OF THE PROBLEM  
OF RADIobiOLOGY IN PUBLIC HEALTH INSTITUTIONS  
IN 1961, BY YE. I. VOROB'YEV, L. V. FUNSHEYN,  
10 PP.

RUSSIAN, PER, MEDIT RADIOL, NO 1, 1963, PP 38-45.

JPRS 18904

OTS - TT - 64-13922

SCI - BIOL-MED SCI

MAY 63

228,879

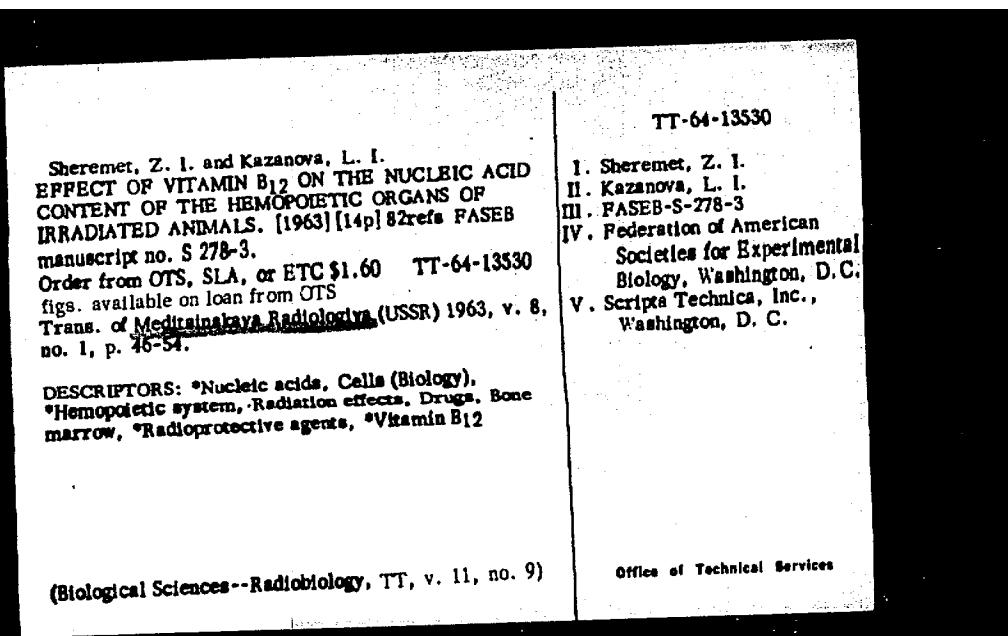
S-309/63

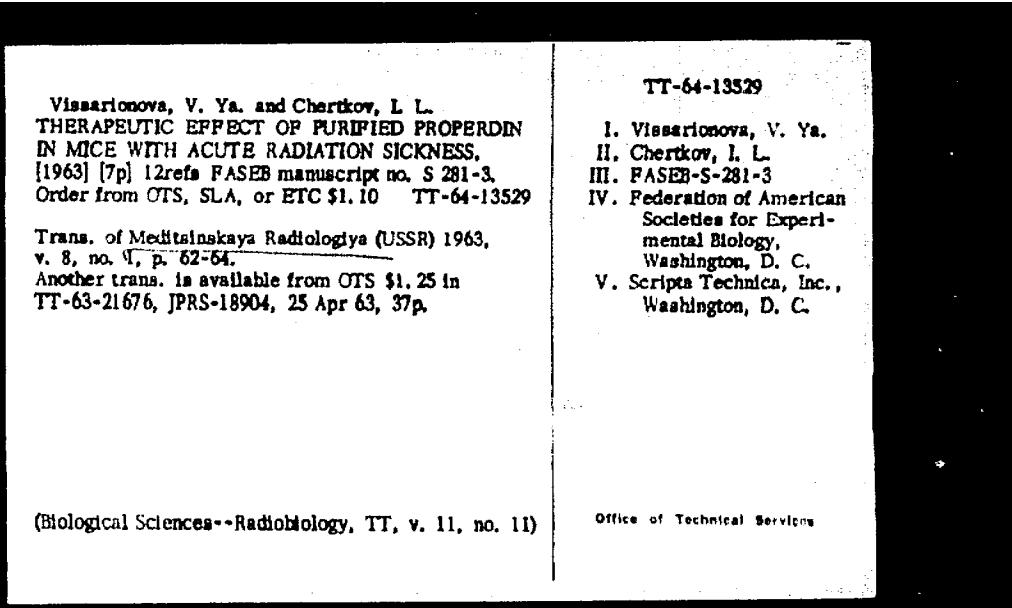
The Influence of Long-Term Internal Irradiation  
With Radioactive Zinc on the Bioelectric Activity  
of the Brain in Rabbits, by V. G. Ovakimov.  
(NY-7557)

RUSSIAN, per, Medit Radiol, Vol VIII, No 1,  
1963, pp 45-46.

\*JPRS

Sci - Biol & M d Sci  
22 Mar 63





Korolev, G. K.  
CHANGES IN THE CARDIOVASCULAR SYSTEM OF  
DOGS WITH RADIATION SICKNESS INDUCED BY  
URANIUM FISSION PRODUCTS. [1963] [16p] 18refs  
FASEB manuscript no. S 282-3.  
Order from OTS, SLA, or ETC \$1.60      TT-63-24500

Trans. of Meditsinskaya Radiologiya (USSR) 1963, v. 8,  
no. 1, p. 64-70. (Abstract available)

DESCRIPTORS: \*Cardiovascular system, Dogs,  
\*Radiation sickness, \*Fission products, \*Uranium,  
Heart, Blood pressure, Atrophy, Cardiac muscle.

A drop in pulse rate, which is later replaced by tachycardia, occurs in dogs during the first days postirradiation by uranium fission products ingested or inhaled. At the climax of radiation sickness the arterial pressure drops and weakening of the cardiac impulse, dullness of tones, and sometimes a pendulum rhythm (Biological Sciences--Radiobiology, TT, v. 11, no. 4)  
(over)

TT-63-24500

- I. Korolev, G. K.
- II. FASEB-S-282-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, C. C.

Office of Technical Services

Application of the Isotope Method to Study  
Absorption From the Alimentary Tract, by  
D.E. Grodzenskiy, K. S. Zamychkina. 27 pp.  
RUSSIAN, per, Meditinskaya Radiologiya, Vol 8,  
No 1, 1963, pp 71-76.  
SLA TT-64-19265

Sci/B&M

Jul 66

305,969

TT-64-13436

Sivachenko, T. P. and Slavnov, V. N.  
THE FUNCTIONAL STATE OF THE THYROID  
GLAND IN THYROTOXICOSIS PATIENTS AT DIFFERENT  
PERIODS AFTER RADIOIODINE THERAPY

I. Sivachenko, T. P.  
II. Slavnov, V. N.  
III. FASEB-S-526-3

Vakhtel', V. S. and Sinenko, L. F.  
THE EFFECT OF CYSTAMINE HYDROCHLORIDE ON  
THE DEVELOPMENT AND COURSE OF RADIATION  
SICKNESS IN PATIENTS UNDERGOING X-RAY THER-  
APY AND RADIOTHERAPY. [1963] [16p] 2refs  
FASEB Ms no.: SS27-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13867

Trans. of Meditinskaya Radiologiya (USSR) 1963, v. 8,  
no. 2, p. 13-19.

DESCRIPTORS: \*Radiation sickness, Therapy, Drugs,  
\*Radioprotective agents, Amines.

TT-64-13867

- I. Title: Cystamine hydrochloride
- II. Vakhtel', V. S.
- III. Sinenko, L. F.
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

(Biological Sciences--Radiobiology, TT, v. 11, no. 8)

Office of Technical Services

A Case of Radiation Sickness Due to Radio-active Cesium, by L. I. Geller. 8 pp.  
RUSSIAN, per, Meditinskaya Radiologiya, Vol 8,  
No 2, 1963, pp 23-25.  
SLA TT-64-19213

Sci/BGM  
Jul 66

305,968

Use of Marrow Suspension in Superlethal Radiation  
Affections by K. N. Maksinova, 7 pp.

3

RUSSIAN, per, Medit Radiol, Vol VIII, No 2, 1962,  
pp 25-28. 9687675

FID-TT-63-596

Sci-Med Sci & Bio  
Nov 63

241,466

<p>Bogatov, L. V. THE REACTION OF THE BLOOD SYSTEM IN DOGS TO HEAVY LOSS OF BLOOD AT REMOTE PERIODS AFTER CHRONIC IONIZING IRRADIATION (O Reaktsii Sistemy Krovi u Sobak na Massivnyu Krovopoteryu v Otdalennye Sroki Posle Khronicheskogo Vozdeistviya Ioniziruyushchey Radiatsii). [1963] [18p] 14refs FASEB Ms no. : S5.30-3. Order from OTS, SLA, or ETC \$1.60 TT-64-13839  Trans. of <u>Meditinskaya Radiobiologiya</u> (USSR) 1963, v. 8, no. 2, p. 28-35.</p> <p>DESCRIPTORS: *Blood circulation, *Radiation effects, Hemorrhage, *Dogs, Radiation sickness.</p>	<p>TT-64-13839</p> <p>I. Bogatov, L. V. II. FASEB-S-S30-3 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p>	
(Biological Sciences--Radiobiology, TT, v. 11, no. 8)		Office of Technical Services

Gruzdev, G. P., Evseeva, N. K., Rozhdestvenskii, L. M., Fedotova, M. I., and Shcherbina, E. N.  
DISTURBANCE OF CELL REGENERATION IN THE BONE MARROW OF IRRADIATED RATS. [1963]  
[14p] 12refs FASEB No. : S 531-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13840

Trans. of Meditsinskaya Radiologiya (USSR) 1963,  
v. 8, no. 2, p. 35-42.

DESCRIPTORS: \*Hemopoietic system, \*Bone marrow,  
\*Cells (Biology), \*Blood cells, Regeneration, Rate,  
\*Radiation effects.

(Biological Sciences--Radiobiology, TT, v. 11, no. 5)

TT-64-13840

- I. Gruzdev, G. P.
- II. Evseeva, N. K.
- III. Rozhdestvenskii, L. M.
- IV. Fedotova, M. I.
- V. Shcherbina, E. N.
- VI. FASEB-S-531-3
- VII. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

<p>Ul'yanov, N. I. and Sakharov, B. V. CHANGES IN THE LEUKOCYTE REACTION TO PAIN IN INJURIES CAUSED BY RADIATION WITH OR WITHOUT TRAUMA. [1963] [13p] 14refs FASEB Ms no.: 8532-3. Order from OTS, SLA, or ETC \$1.60 TT-64-13868  Trans. of Meditsinskaya Radiologiya (USSR) 1963, v. 8, no. 2, p. 42-47.</p> <p>DESCRIPTORS: *Radiation injuries, *Shock (Pathology), *Pain, *Hematology, Blood cells, *Leukocytes, Radiation effects.</p> <p>(Biological Sciences--Radiobiology, TT, v. 11, no. 8)</p>	<p>TT-64-13868</p> <p>I. Ul'yanov, N. I. II. Sakharov, B. V. III. FASEB-S-532-3 IV. Federation of American Societies for Experi- mental Biology, Washington, D. C. V. Scripta Technica, Inc. Washington, D. C.</p> <p>Office of Technical Services</p>
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LOWERING THE IMMUNOBIOLOGICAL RESISTANCE OF  
THE ORGANISM AS A MANIFESTATION OF THE IRREVERSIBLE  
COMPONENT, BY I. G. AKOYEV, M. A. LAGUN, 10 PP.

RUSSIAN, PER, MEDITSINSKAYA RADIOLOGIYA, VOL VIII,  
NO 2, 1963, PP X447-50.

JPRS 19152

SCI - MED  
MAY 63

230,009

Antipenko, E. N.  
RESIDUAL MANIFESTATIONS AND LATE SEQUELAE  
OF ACUTE RADIATION SICKNESS IN MAN. [1963]  
[30p] 67refs FASEB Ms no. SS34-3.  
Order from OTS, SLA, or ETC \$2.60 TT-64-13924

Trans. of Meditsinskaya Radiologiya (USSR) 1963,  
v. 8, no. 2, p. 58-66.

DESCRIPTORS: \*Radiation sickness, Man.

(Biological Sciences--Radiobiology, TT, v. 11, no. 10)

TT-64-13924

- I. Antipenko, E. N.
- II. FASEB-S-334-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

<p>Mindlin, S. S. THE CARDIOVASCULAR EFFECTS OF IONIZING RADIATION IN RADIATION THERAPY OF TUMOR PATIENTS. [1963] [16p] 7refs FASEB Ms no.: S356-3. Order from OTS, SLA, or ETC \$1.60 TT-64-13865  Trans. of Meditsinskaya Radiologiya (USSR) 1963, v. 8, no. 3, p. 26-31.  DESCRIPTORS: Radiotherapy, *Cardiovascular system, *Radiation effects, Neoplasms.</p> <p>(Biological Sciences--Radiobiology, TT, v. 11, no. 8)</p>	<p>TT-64-13865</p> <p>I. Mindlin, S. S. II. FASEB-S-356-3 III. Federation of American Societies for Experi- mental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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<p>Kuznetsova, L. V. and Egorova, M. S. THE ASSESSMENT OF <math>\beta</math>-RADIATION AS A FACTOR AFFECTING CYCLOTRON OPERATORS. [1963] [12p] 4refs FASEB Ms no.: S357-3. Order from OTS, SLA, or ETC \$1.60 TT-64-13833  Trans. of Meditsinskaya Radiologiya (USSR) 1963, v. 8, no. 3, p. 34-38.</p> <p>DESCRIPTORS: *Health physics, *Cyclotrons, *Radiation hazards, Operators (Personnel), Beta particles, Dose rate.</p>	<p>TT-64-13833</p> <p>I. Kuznetsova, L. V. II. Egorova, M. S. III. FASEB-S-357-3 IV. Federation of American Societies for Experi- mental Biology, Washington, D. C. V. Scripta Technica, Inc., Washington, D. C.</p>
(Biological Sciences--Radiobiology, TT, v. 11, no. 8)	Office of Technical Services

Ertevtsyan, L. N.  
ELECTROCARDIOGRAPHIC CHANGES IN CATS  
WITH BRAIN TRAUMA AND RADIATION SICKNESS,  
[1963] [18p] 7refs FASEB manuscript no. S 358-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13407  
Trans. of Meditsinskaya Radiologiya (USSR)  
1963, v. 8, no. 3, p. 38-43.

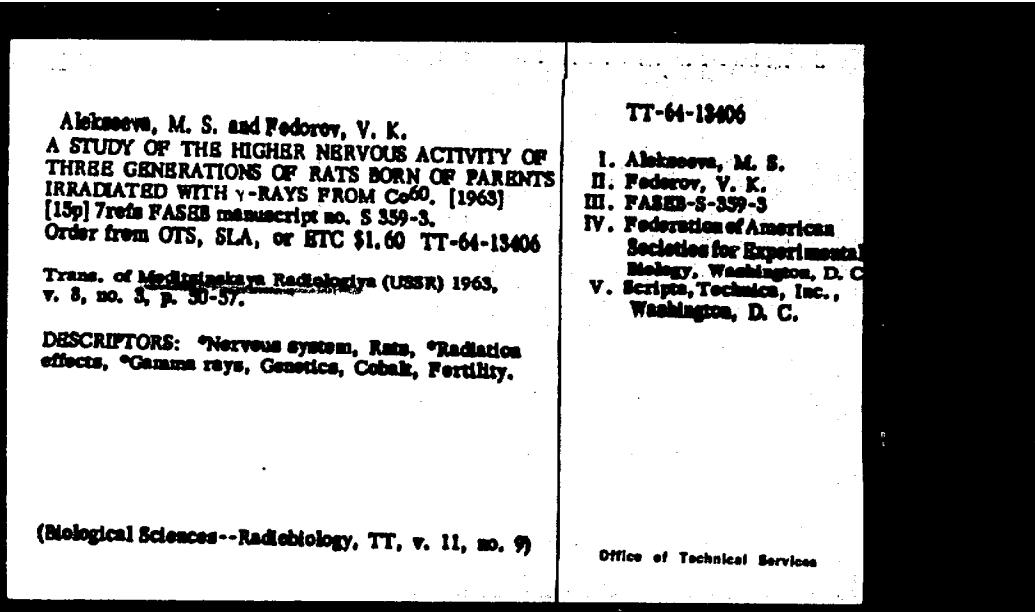
DESCRIPTORS: \*Radiation sickness, \*Brain, \*Shock  
(Pathology), Cats, Electrocardiography, \*Cardio-  
vascular system.

(Biological Sciences--Radiobiology, TT, v. 11, no. 9)

TT-64-13407

- I. Ertevtsyan, L. N.
- II. FASEB-S-358-3
- III. Federation of American  
Societies for Experimental  
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

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<p>Kalistratova, V. S. THE EFFECTS OF AN INFLAMMATORY PROCESS IN THE LUNGS ON RADIOSTRONTIUM DISTRIBUTION IN THE ORGANISM. [1963] [10p] 4revs FASEB Ma no. S 360-3. Order from OTS, SLA, or ETC \$1.10 TT-64-13834  Trans. of Meditsinskaya Radiologiya (USSR) 1963, v. 8, no. 3, p. 57-61.</p> <p>DESCRIPTORS: *Lungs, Inflammation, Radioactive isotopes, *Strontium, *Radiation effects</p> <p>(Biological Sciences--Radiobiology, TT, v. 11, no. 8)</p>	<p>TT-64-13834</p> <p>I. Kalistratova, V. S. II. FASEB-S-360-3 III. Federation of American Societies for Experi- mental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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TT-63-24510

Erieksova, E. V.  
LONG TERM MORPHOLOGICAL CHANGES INDUCED  
BY Po<sup>210</sup> IN DOG. [1963] [10p] FASEB manuscript  
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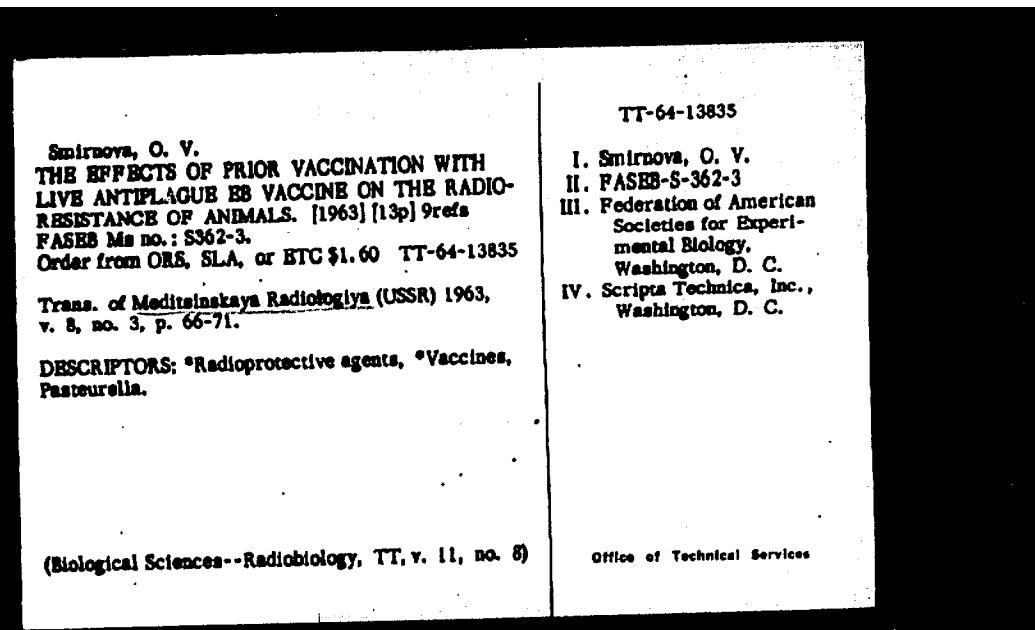
Trans. of Meditsinskaya Radiobiologiya (USSR) 1963, v. 8,  
no. 3, p. 61-66. (Abstract available)

DESCRIPTIONS: \*Radiation effects, Morphology  
(Biology), Dogs, Radioactive isotopes, Polonium,  
Liver, \*Cancer, \*Gastrointestinal system, \*Car-  
cinogenic agents, Endocrine glands.

Morphological examination of dogs killed 9 years after  
administration of Po<sup>210</sup> 0.05 mc/kg via gastro-intes-  
tinal tract showed dystrophic changes in various organs,  
gross abnormalities in the stroma and parenchyma of  
the liver with nodular proliferation of the liver cells as  
a form of compensatory hypertrophy and hyperplasia  
(Biological Sciences--Radiobiology, TT, v. 11, no. 5)  
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(figs omitted) 19refs FASER Ms no. S 628-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13841  
figs. available on loan from OTS

Trans. of Meditsinskaya Radiologiya (USSR) 1963,  
v. 8, no. 4, p. 62-68.

DESCRIPTORS: \*Reproduction (Physiology),  
\*Radiation effects, X-rays, Dogs, \*Mutations.

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v. 8, no. 4, p. 80-81.

DESCRIPTORS: \*Cancer, \*Thyroid gland, \*Iodine,  
Radioactive isotopes, Radiotherapy.

(Biological Sciences--Radiobiology, TT, v. 11, no. 8)

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V. V. ANTIPOV, V. D. ABDULLAYEV, ET AL, 18 PP.

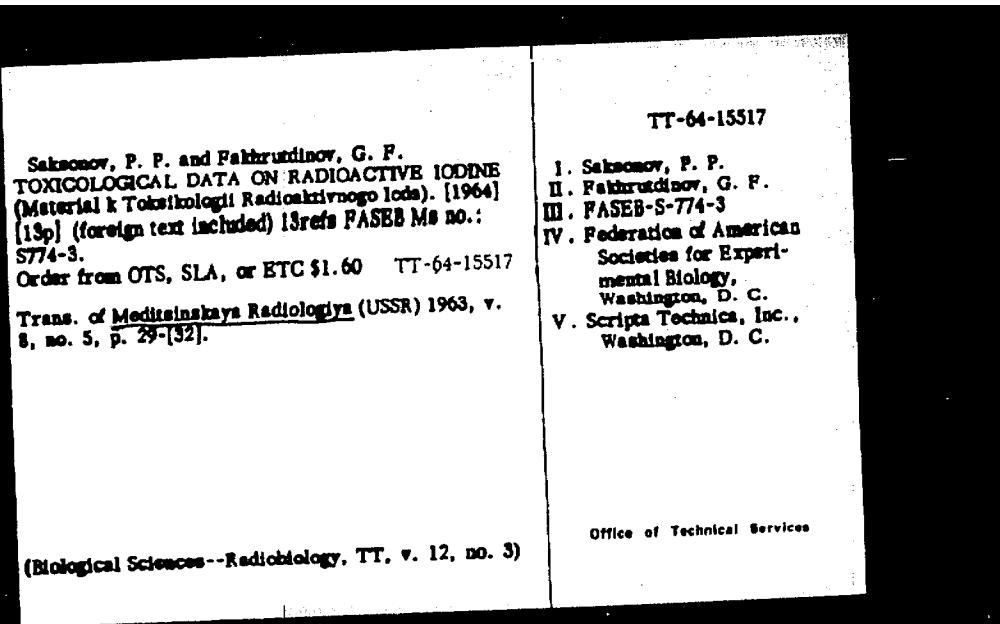
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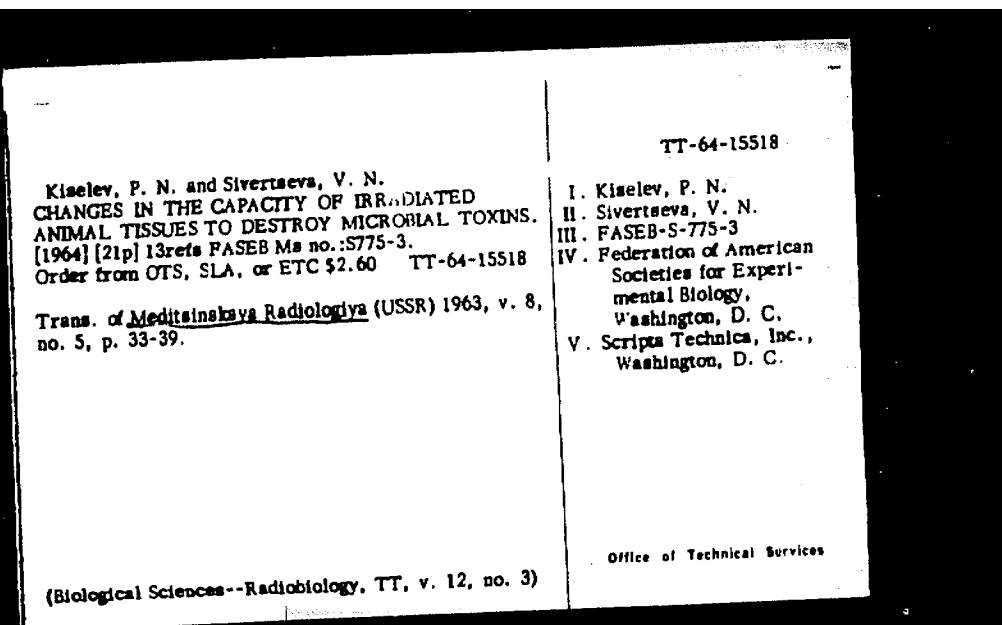
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CLINICS, BY A. A. VOLKOV, N. K. MURATHODZHAYEV,  
ET AL, 7 PP.

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THE THIRD ONCOLOGICAL CONFERENCE AND FOURTH CONFERENCE OF TOENTGENOLOGISTS AND RADIOLISTS OF THE MOLDAVIAN SSR, BY YU. B. MANDEL'TSVAYG, 9 PP.

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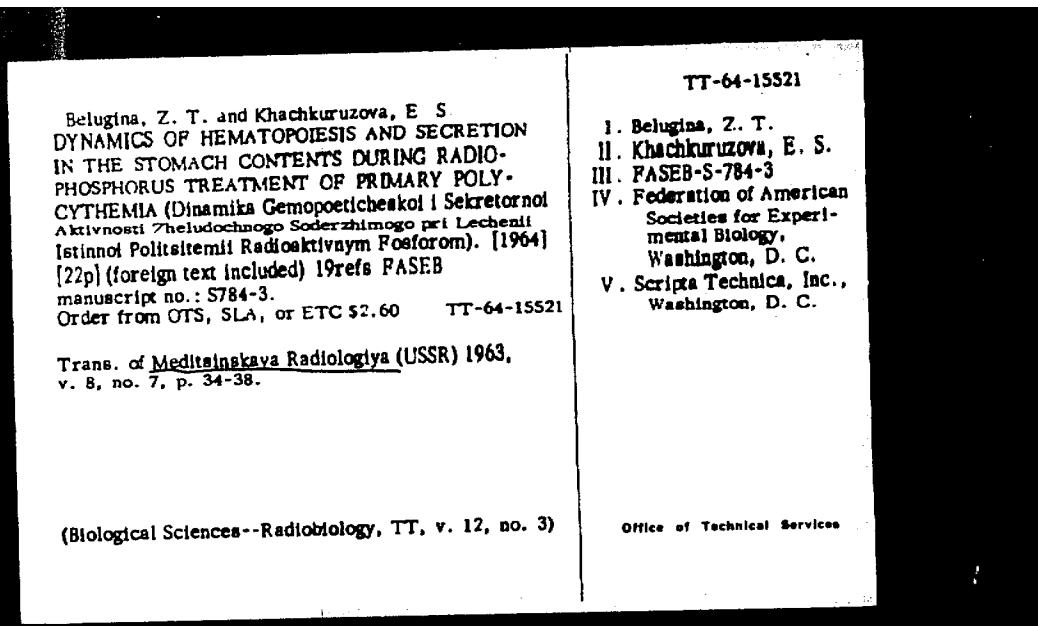
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REDUCTION OF THE RATE OF RECOVERY PROCESSES AS A  
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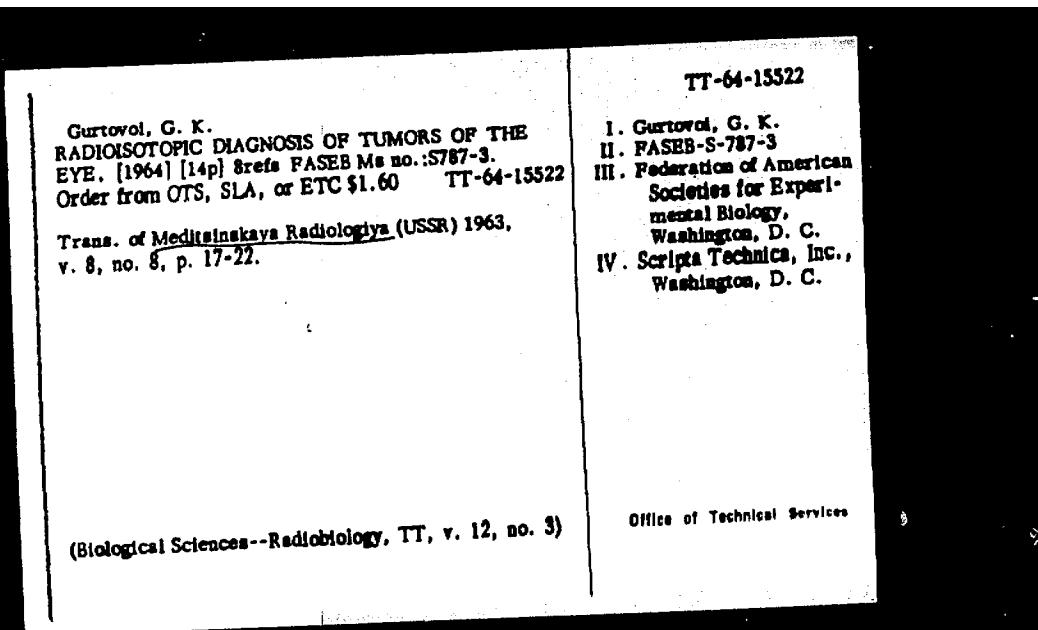
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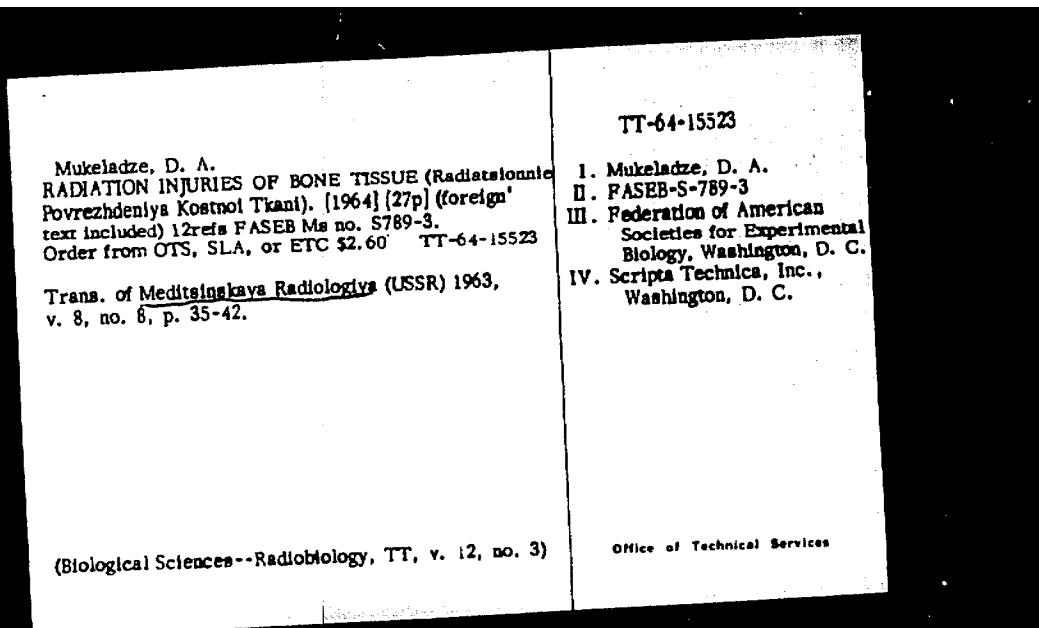


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